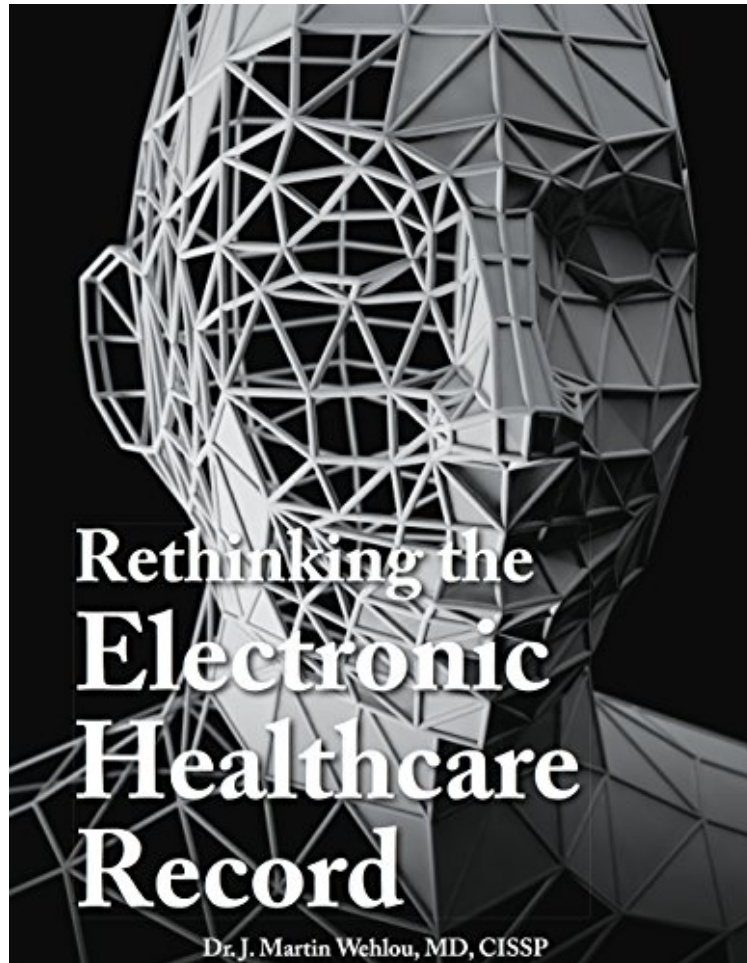


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# Rethinking the Electronic Healthcare Record: Why the Electronic Healthcare Record (Ehr) Failed So Hard, and How It Should Be Redesigned to Support Doc

*Martin Wehlou*

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1 of 1 people found the following review helpful. A book I've been waiting for...By J.GreenThis book might very well be the most important and book ever written on this subject. This is a must read for all people working in the field of

software development for health care... and for their managers..and their customers... and their doctorsand their politicians. Working in this field myself the last 23 years I much appreciate that the author , not only are pointing at the problems, but also point at the solutions.J.GreenManagement Consultant HealthCare(former CEO Profdoc AB)

Current electronic healthcare record (EHR) systems utterly fail to assist doctors and nurses in their work; designed without recognizing the actual needs of those users, but rather solving mostly administrative problems instead. This failure results in an ongoing lack of safety and efficiency in care delivery. We need to do much better. This book lays out how an effective EHR system should be built to deliver effective support for a doctor throughout the phases of her profession, from how a doctor learns her profession, to how she examines a patient, analyzes clinical findings, reaches conclusions, and finally applies therapy. The result is accurate, economic, safe, and consistent healthcare.

"Anyone who is interested in the medical record systems of the future should read this book. Congratulations and thanks, Martin." Ulf Jacobsson, founding partner of Mitt Hlsokonto AB, former CIO, Stockholm County Council."If there is a reference standard for the future design of the electronic healthcare record, this is the one." Anders Westermark, MD."Famed conductor Leonard Bernstein composed his beautiful music while lying on a sofa. Archimedes had his flash of genius when reclining in a warm bath. And of course, a supine Michelangelo painted the Sistine Chapel. So after seeing your portrait on the cover of this book, I am convinced the content can be no less than paradigm shifting as it was clearly conceived during a state of blissful repose." Fred Grazon, author of "The Lazy Way to Success". "...I can't stop reading it. Much of the content, by all rights, should be a crushing bore, but it's not, in no small part due to your having revealed that the author is a living human with a sense of humor... congratulations on a superb piece of accessible technical writing." Allen Cobb, author of "Brain Frieze", and sound artist.

From the Author  
This book is organized in four parts: Part I The first part covers the major business cases for creating EHR systems. It also briefly analyzes what type of knowledge must be instilled into an individual to make her into a physician. A very quick recap of the history of medical records is then followed by a summary of the major ways the current EHR systems fail us. Part II We go into how current EHR systems work, and why they work as they do. It's hard to refrain from complaining about almost everything about these systems. Part III We look into how doctors work clinically, which real requirements we can derive from that, and how a correctly designed EHR system built on these requirements should look. We're making the assumption that the main goal of these systems should be to support clinical work, even though that is clearly not the case today. But it must be in the future. Appendices The last part contains one appendix that goes into more technical detail on the document-tree design. Unless you are into building systems, or comparing the designs in this book to other designs found elsewhere, you could probably safely skip this. There is a second appendix with a longer history of the author's life story, at least as far as it applies to IT in medicine. This story does help explain at least some of the design choices made in the book.

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About the Author  
Martin Wehlou has a background in medicine and mathematics; trained in both general surgery and general medicine, and has practiced in both Belgium and Sweden for many years. Martin has also developed software since around 1980 for a range of medical applications. The resulting dual career spans across several medical domains and includes a solid software development background. Martin has published quite profusely on software and security subjects in a number of media, and that content led directly to the creation of this book.